

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41808

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>																										
IPC(7) : A61K 39/125; C12Q 1/70; C07H 21/04 US CL : 424/216; 435/5; 536/24.33																										
According to International Patent Classification (IPC) or to both national classification and IPC																										
<b>B. FIELDS SEARCHED</b>																										
Minimum documentation searched (classification system followed by classification symbols) U.S. : 424/216; 435/5; 536/24.33																										
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched																										
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet																										
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>																										
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																								
A	WO 02/095074 A1 (TETRACORE, INC.) 28 November 2002 (28.11.2002), abstract.	1-8																								
A	PATTNAIK, B. et al. Evaluation of Primers for PCR Amplification of RNA Polymerase Gene Sequences of Foot-and-Mouth Disease Virus, Acta Virologica, 1997, Vol. 41, pages 333-336, abstract.	1-8																								
X	BARANOWSKI, E. et al. Multiple Virulence Determinants of Foot-and-Mouth Disease Virus in Cell Culture, Journal of Virology, August 1998, Vol. 72, No. 8, pages 6362-6372.	4																								
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																										
<table border="0"> <tr> <td colspan="2">Special categories of cited documents:</td> <td>"T"</td> <td>later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</td> </tr> <tr> <td>"A"</td> <td>document defining the general state of the art which is not considered to be of particular relevance</td> <td>"X"</td> <td>document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"E"</td> <td>earlier application or patent published on or after the international filing date</td> <td>"Y"</td> <td>document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</td> </tr> <tr> <td>"L"</td> <td>document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</td> <td>"&amp;"</td> <td>document member of the same patent family</td> </tr> <tr> <td>"O"</td> <td>document referring to an oral disclosure, use, exhibition or other means</td> <td></td> <td></td> </tr> <tr> <td>"P"</td> <td>document published prior to the international filing date but later than the priority date claimed</td> <td></td> <td></td> </tr> </table>			Special categories of cited documents:		"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family	"O"	document referring to an oral disclosure, use, exhibition or other means			"P"	document published prior to the international filing date but later than the priority date claimed		
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Date of the actual completion of the international search 13 May 2004 (13.05.2004)		Date of mailing of the international search report <b>28 MAY 2004</b>																								
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 872-9306		Authorized officer Stacy B. Chen <i>J. Roberts for</i> Telephone No. (571) 272-1600																								

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**Continuation of B. FIELDS SEARCHED Item 3:**

EAST, CAS ONLINE, MEDLINE, BIOSIS, EMBASE, CAPLUS, SCISEARCH, AGRICOLA

Sequence databases: GENEMBL, N\_GENESEQ, ISSUED PATENTS, PUBLISHED APPLICATIONS, IDENTITY\_NUC

search terms: ebersole, schwartz, jackson, foot and mouth disease virus, fmdv, primers, pcr, SEQ ID NOS: 16-20.